BLACK-13™

Owner's Manual

Slash

DigiTech
The Power to Create

Photo: Andy Buchanan

DECLARATION OF CONFORMITY

Manufacturer's Name: DigiTech
Manufacturer's Address: 8760 S. Sandy Parkway
Sandy, Utah 84070, USA

declares that the product:

Product name: Black-13

Product option: all (requires Class II power adapter that conforms to the requirements of EN60065, EN60742, or equivalent.)

conforms to the following Product Specifications:

Safety: IEC 60065 (2002)

EMC: EN 55013 (2001+A1)
EN 55020 (1991)

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC as amended by Directive 93/68/EEC.

Vice-President of Engineering - MI
8760 S. Sandy Parkway
Sandy, Utah 84070, USA
Date: August 22, 2005

European Contact: Your local DigiTech Sales and Service Office or

Harman Music Group
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Warning

For your protection, please read the following:

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Unplug this apparatus during lightning storms or when unused for long periods of time.
10. No user serviceable parts inside. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
12. Refer to labels on the unit, including bottom cover, or other markings and pertinent information.

WARRANTY: We at **DigiTech**® are proud of our products and back-up each one with the following warranty:

1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.

2. DigiTech warrants this product, when used solely within the U.S., to be free from defects in materials and workmanship under normal use and service.

3. DigiTech liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to DigiTech WITH RETURN AUTHORIZATION, where all parts and labor will be covered up to a period of **one** year (this warranty is extended to a period of **six** years when the product has been properly registered by mail or through our website). A Return Authorization number may be obtained from DigiTech by telephone. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.

4. Proof-of-purchase is considered to be the burden of the consumer.

5. DigiTech reserves the right to make changes in design, or make additions to, or improvements upon this product without incurring any obligation to install the same on products previously manufactured.

6. The consumer forfeits the benefits of this warranty if the product's main assembly is opened and tampered with by anyone other than a certified DigiTech technician or, if the product is used with AC voltages outside of the range suggested by the manufacturer.

7. The foregoing is in lieu of all other warranties, expressed or implied, and DigiTech neither assumes nor authorizes any person to assume any obligation or liability in connection with the sale of this product. In no event shall DigiTech or its dealers be liable for special or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

***NOTE**: The information contained in this manual is subject to change at any time without notification. Some information contained in this manual may also be inaccurate due to undocumented changes in the product or operating system since this version of the manual was completed. The information contained in this version of the owner's manual supersedes all previous versions.*

Congratulations and special thanks from **DigiTech**® for choosing the **Scott Ian Black-13™ Artist Series Pedal**.

DigiTech's philosophy for developing products begins with the desire to provide every guitarist with the best-sounding, most creative tools possible. To this end, our revolutionary technology, **Production Modeling**™, was designed to help reproduce the studio and live sounds and effects of an artist as heard on their recordings. This includes modeling the speaker cabinets, microphones with their placements, pre/post effects, and the recording engineer's magic all in one pedal.

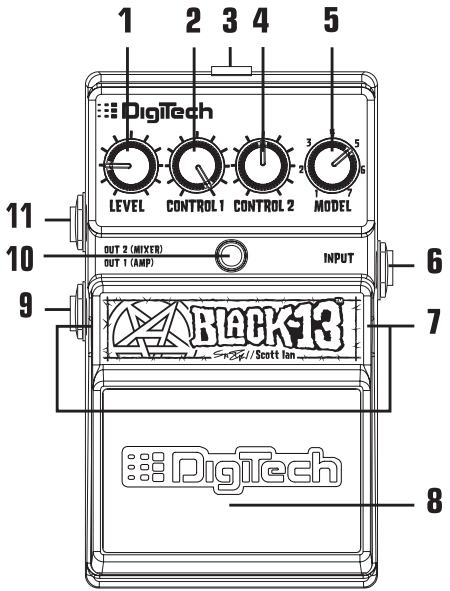
The **Black-13™ Artist Series Pedal** is the product of our collaboration with Scott Ian, the world famous guitarist for the bands Anthrax and S.O.D.. Scott's aggressive playing style helped create and define old-school metal, thrash, nu-metal and even rap music genres. The Black-13 pedal models seven of Scott's signature tones from songs like "Madhouse" with Scott's devastating rhythm crunch from his early years with Anthrax, "Finale" with its dramatic delay and eerie pitch shift effect, to "What Doesn't Die" which features Scott's ultra-heavy, grinding tone. Mosh it Up with the Black-13!

Included Items

The DigiTech® Scott Ian Black-13™ Artist Series Pedal includes the following items:

- **DigiTech Scott Ian Black-13™ Artist Series Pedal**
- **Artist Series Pedal Gig Bag**
- **Scott Ian Artist Series Guitar Pick**
- **PS200R Power Supply**
- **This Owner's Manual**
- **Battery Notice**
- **DigiTech Warranty Card**
- **DigiTech Brochure**

Please make sure that all of these items have been included before you get started.



1. LEVEL
Controls the output level of the effect. Turn this knob clockwise to increase the output level, and counter-clockwise to decrease the output level.

2. CONTROL 1
Controls Low Frequency Boost/Cut in models 1-6, and the amount of pitch shift in model 7.

3. AC Adapter Jack
Connect only the included DigiTech® PS200R (9V DC) power supply to this jack.

4. CONTROL 2
Controls High Frequency Boost/Cut in models 1-6, and the delay length in model 7.

5. MODEL
Selects one of the seven different signature Scott Ian tones:

1. "I Am the Law"
2. "Madhouse"
3. "March of the S.O.D."
4. "Protest and Survive"
5. "Room For One More"
6. "What Doesn't Die"
7. "Finale"

Please refer to the Knob Function Descriptions section on the following pages for a more detailed explanation of each model.

6. INPUT
Connect your instrument to this jack. Connecting a guitar cable to this jack supplies battery power even though the Indicator LED may not be lit. To prolong battery life, disconnect all cables when not in use.

7. Pedal Release Pins
These two pins are spring-loaded hinges that hold the pedal in place. Push these pins in to release the pedal from the pedal chassis exposing the battery compartment and the serial number therein. (See the Battery Replacement Diagram at the end of this Owner's Manual)

8. Pedal
Press the pedal to turn the effect on and off.

9. OUT 1 (AMP)
Connect this output jack to your guitar amplifier.

10. Indicator LED
This LED indicates when the effect is turned on. If the LED becomes dim or does not light when using battery power (with the cables connected), the battery needs to be replaced.

11. OUT 2 (MIXER)
This output has been specifically designed for use with a full range audio system. It is designed to be plugged directly into a mixer or recording device for optimal performance.

Model Descriptions

MODEL	LEVEL	CONTROL 1	CONTROL 2
1. "I Am the Law," Anthrax – *Among the Living* (1987)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
2. "Madhouse," Anthrax – *Spreading the Disease* (1985)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
3. "March of the S.O.D.," S.O.D. – *S.E.D.* (1985)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
4. "Protest and Survive," Anthrax – *Attack of the Killer B's* (1991)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
5. "Room For One More," Anthrax – *Sound of White Noise* (1993)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
6. "What Doesn't Die," Anthrax – *We've Come For You All* (2003)	Output Level	Low Frequency EQ Boost/Cut	High Frequency EQ Boost/Cut
7. "Finale," Anthrax – *State of Euphoria* (1988)	Output Level	Pitch Shift Amount	Delay Time

NOTE: Set the **CONTROL 1** and **CONTROL 2** knobs to the 12 o'clock position to most accurately recreate each tone as it sounds in the original recordings.

MODEL 1. "I Am the Law," Anthrax – *Among the Living* (1987)
Model 1 captures the clearer, more sizzling distortion tone Scott used for "I Am the Law". Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 2. "Madhouse," Anthrax – *Spreading the Disease* (1985)
Model 2 generates the more refined tone Scott used in "Madhouse". Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 3. "March of the S.O.D.," S.O.D. – *S.E.D.* (1985)
This is the classic "grind" distortion tone Scott pioneered and utilized in "March of the S.O.D.". Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 4. "Protest and Survive," Anthrax – *Attack of the Killer B's* (1991)
This is based on the raw, more diffuse distortion tone Scott used for the intro to "Protest and Survive". Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 5. "Room For One More," Anthrax – *Sound of White Noise* (1993)
Scott acheived this tone by combining three amps (a Marshall™ JCM 800, a Matchless™, and a Marshall Jubilee™) with a T.C. Electronics™ Booster/Distortion processor. Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 6. "What Doesn't Die," Anthrax – *We've Come For You All* (2003)
This effect gives your guitar the more modern distortion tone Scott got with a Randall® amp and a BBE® Sonic Maximizer® processor. Use the **CONTROL 1** knob to boost or cut the low frequencies. Use the **CONTROL 2** knob to boost or cut the high frequencies.

MODEL 7. "Finale," Anthrax – *State of Euphoria* (1988)
Model 7 is based on pitch-shifted delay effect Scott used during the opening muted bar chords of the song "Finale". The **CONTROL 1** knob changes the amount of pitch-shifting in the delayed repeats. Setting the **CONTROL 1** knob fully clockwise will shift each repeat up 12 semitones, while setting the **CONTROL 1** knob fully counter-clockwise will shift each repeat down 12 semitones. Setting the **CONTROL 1** knob to the 12 o'clock position recreates the same pitch shift that Scott used in the original recording; if you want no pitch shift, set the **CONTROL 1** knob to the 2 o'clock position (approximately). The **CONTROL 2** knob adjusts the delay time of the pitch-shifted repeat; turn it clockwise for longer delays, or counter-clockwise for shorter delays.

Setup Directions

Follow these setup directions before use:

1. Turn the volume down on the amplifier/mixer you are connecting to.

2. Connect the pedal output to the amplifier and/or mixer input.
   (Please refer to the **Connections Diagrams** on the following pages.)

3. Connect the guitar to the pedal input.
   (Please refer to the **Connections Diagrams** on the following pages.)

4. Connect the power supply to the pedal.
   (Please refer to the **Connections Diagrams** on the following pages.)

5. Set the pedal's **LEVEL** control to the minimum position.

6. Turn up your amplifier/mixer level to your desired listening level.

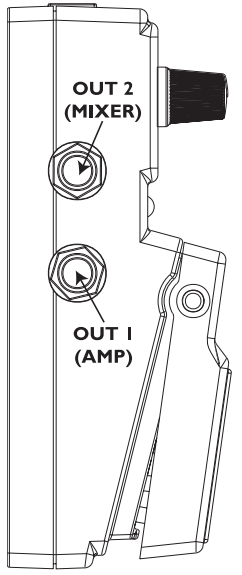
7. Turn on the pedal by pressing the pedal switch and gradually turn up the pedal's **LEVEL** control to the desired listening level.

Connections

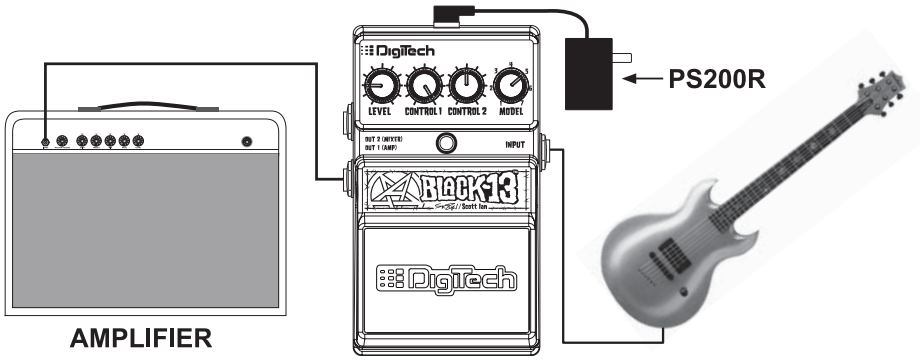
The Black-13™ pedal features a single **INPUT** and a pair of outputs, **OUT 1 (AMP)** and **OUT 2 (MIXER)**. The two outputs give you the option of running into a guitar amplifier, running directly to a mixing console, or both at the same time. The **OUT 2 (MIXER)** output has been specially designed to faithfully reproduce Scott's studio guitar amplifier tones without having to use an amp.

(Please refer to the **Connections Diagrams** on the following pages.)

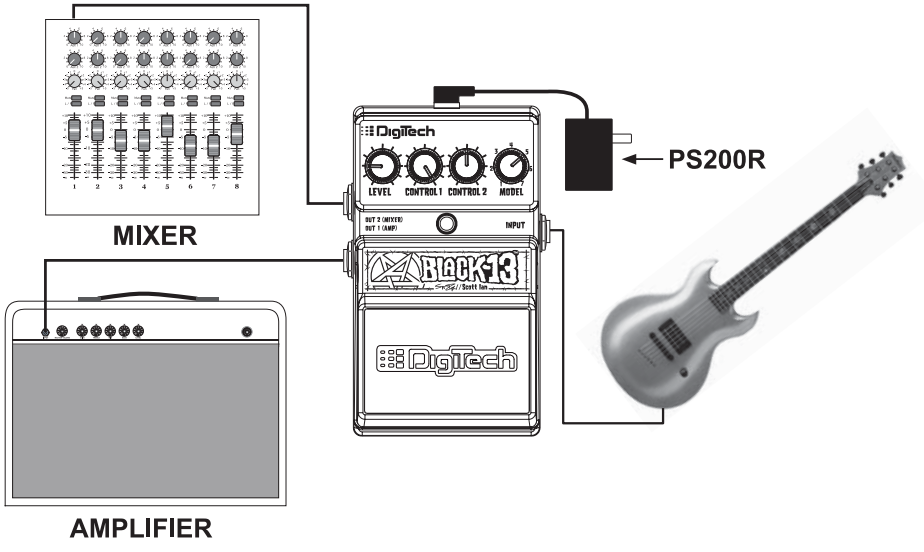
Output Diagram



Connections Diagram (Amp)



Connections Diagram (Amp and Mixer)

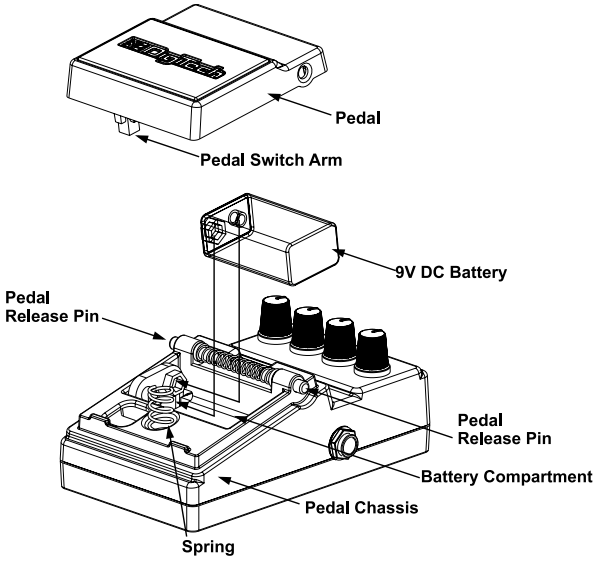


Specifications:

- Controls - LEVEL, CONTROL 1, CONTROL 2, MODEL, On/Off Pedal
- Jacks - INPUT, OUT 1 (AMP), OUT 2 (MIXER)
- Input Impedance - 1 MOhms
- Output Impedance - 100 Ohms
- Power Supply - Included DigiTech PS200R or 9V Alkaline Dry Battery
- Power Consumption - 0.75 Watts (w/PS200R power supply)
- Battery Life - Approximately 4 hours (with continuous usage)
- Dimensions - 4 15/16″(L) x 3 1/8″(W) x 2 1/8″(H)
- Weight - 2 lbs.
- Included Power Supply

PS200R - 100 (100V ~ 50/60Hz)
PS200R - 120 (120V ~ 60Hz)
PS200R - 230 (230V ~ 50Hz)
PS200R - 240 (240V ~ 60Hz)

Battery Replacement Diagram



Battery Replacement

1. Using the tip of a 1/4″ guitar cable, push one of the release pins in on either side of the pedal, and remove the pedal from the pedal chassis.

2. Remove the battery from the battery compartment and disconnect the battery cable.

3. Connect a new battery to the battery cable and put it back in the battery compartment. Make sure the battery cable does not interfere with the spring or pedal switch arm.

4. Place one hole of the pedal over its corresponding pin.

5. Push the opposite pin in and lower the other side of the pedal into place over the depressed pin. Release the pin. When the pedal is properly fastened, both release pins are flush with the outer side of the pedal.

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